

IAP20 Reg'd PCT/PTO 12 JAN 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: To Be Assigned  
Applicants: Toshiaki SHIMIZU, et al.  
Filed: Herewith  
Title: METHOD FOR DETERMINING DETERIORATION OF CAPACITOR  
TC/A.U.: To Be Assigned  
Examiner: To Be Assigned  
Confirmation No.: To Be Assigned  
Docket No.: MAT-8793US

**INFORMATION DISCLOSURE STATEMENT*****Mail Stop PCT***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO SB/08(a) and PTO SB/08(b) form submitted herewith. A copy of the references listed on the PTO SB/08(a) and PTO SB/08(b) are enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following Japanese references are not in the English language:

- 1) 08-043507
- 2) 2002-267708
- 3) 04-142017
- 4) 06-342024
- 5) 2001-297954
- 6) 2001-085283

IA20 REG. NO. 34,515 12 JAN 2006

## 7) Electrochemical capacitor and AC Impedance Behavior in Electrochemical System

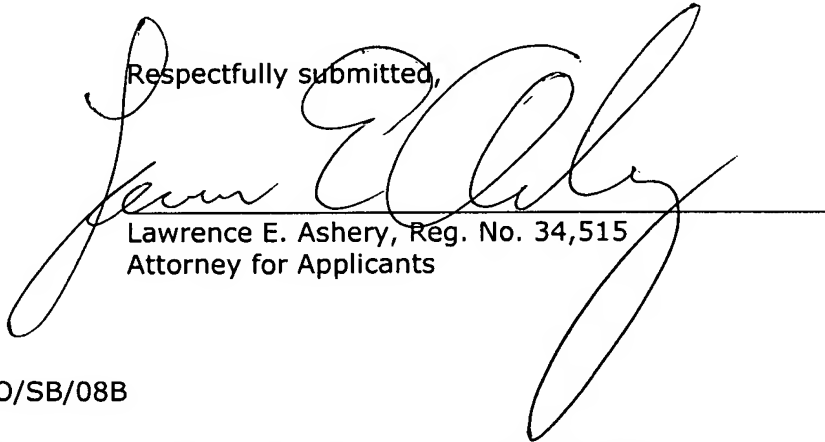
References 1) to 6) include English language abstracts, and Reference 7) includes an English language translation.

References 1) to 3) were cited in a search report by a foreign Patent Office in a patent application corresponding to the above-identified patent application. A copy of the Japanese search report, which indicates the degree of relevance found by the foreign office, is transmitted herewith. Also enclosed is an English translation of Form PCT/ISA/210 to explain the special category definitions of the Japanese language search report. MPEP Section 609 IIIA(3), second paragraph.

In addition, References 4) to 7) are not in the English language, but a "concise explanation" under 37 CFR § 1.98(a)(3) is set forth in the background portion of the specification.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,



Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicants

LEA/fp

Enclosures: PTO/SB/08A and PTO/SB/08B  
(7) References  
Japanese Search Report and English translation of Form PCT/ISA/210.

Dated: January 12, 2006

P.O. Box 980  
Valley Forge, PA 19482-0980  
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

**EXPRESS MAIL: Mailing Label No.: EV 766 497 823 US**  
**Date of Deposit: January 12, 2006**

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
KATHLEEN LIBBY

Substitute for Form 1449/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known

Application Number

To Be Assigned

**10/564507**

Filing Date

Herewith

First Named Inventor

Toshiaki SHIMIZU, et al.

Art Unit

To Be Assigned

Examiner Name

To Be Assigned

Attorney Docket No.

**MAT-8793US**

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date (MM-DD- YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		JP-08-043507 A (with English abstract)	02/16/96	NIPPON TELEG & TELEPH CORP		<input type="checkbox"/>
		JP 2002-267708 (with English abstract)	09/18/02	TOSHIBA CORP		<input type="checkbox"/>
		JP 04-142017 (with English abstract)	05/15/92	OSAKA TITANIUM CO LTD		<input type="checkbox"/>
		JP 06-342024 (with English abstract)	12/13/94	OKAMURA KENKYUSHO:KK ELNA CO LTD; ASAHI GLASS CO LTD		<input type="checkbox"/>
		JP 2001-297954 (with English abstract)	10/26/01	HONDA MOTOR CO LTD		<input type="checkbox"/>
		JP 2001-085283 (with English abstract)	03/30/01	ELNA CO LTD		<input type="checkbox"/>
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						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Application Number	To Be Assigned <b>10/564507</b>
Filing Date	Herewith
First Named Inventor	Toshiaki SHIMIZU, et al.
Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	MAT-8793US

SHEET 2 of 2

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Japanese Search Report for PCT/JP2005/010847, dated September 27, 2005.	<input type="checkbox"/>
		BRIAN E. CONWAY, "Electrochemical capacitor and AC impedance Behavior in Electrochemical System," pp. 393-401, with English translation.	<input checked="" type="checkbox"/>
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<sup>1</sup>Applicant's unique citation designation number (optional).

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